

XD72V5

ElettroMagnetic Services
SRL

OMNIDIRECTIONAL

- High gain collinear antenna
- Rugged fiberglass radome and stainless steel hardware
- Other bands upon request



mast mount interface

ELECTRICAL

Frequency	395 ÷ 425 MHz
Input impedance	50 Ω
Polarization	linear vertical
VSWR	< 1.5 across band
Gain	5 dBi
Half power beamwidth	360° (Az) × 40° (El)
Power rating	100 W cw
Lightning protection	DC grounded

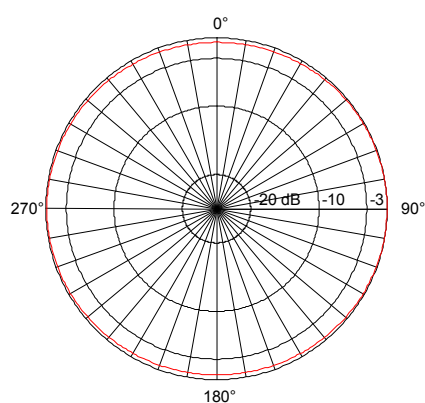
MECHANICAL

Connector	N-female
Dimensions	1310(H) × 40(Dia.) mm
Mass	2500 g
Wind loading	≈ 7.5 kg @ 150 km/h
Standard finish	white fiberglass radome, anodized aluminium base

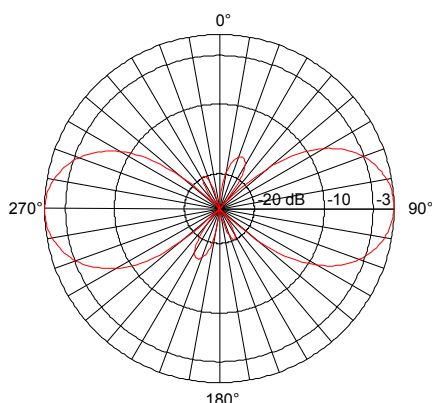
MOUNTING

Standard interface	stainless steel clamps
Mast diameter range	35 ÷ 70 mm

Azimuth pattern



Elevation pattern



Due to technical improvements, specifications provided in this data sheet may change without notice.
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Since **ElettroMagnetic Services** is specialized in development and production of custom antennas, if you need electrical and/or mechanical modifications of this product to meet a particular application or requirements, please feel free to contact us directly.

HEADQUARTERS

ElettroMagnetic Services srl
via S. Pertini, 6
26019 VAILATE (CR) - ITALY
Tel +39 (0) 363 84086
Fax +39 (0) 363 341636
Email info@elettromagneticservices.com

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